

**RECEIVED  
CENTRAL FAX CENTER**

APR 26 2005

**FAX TRANSMISSION****DATE:** April 26, 2005**PTO IDENTIFIER:** Application Number 10/033,026-Conf. #1031  
Patent Number**Inventor:** Diane Lipscombe et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** EDWARDS & ANGELL, LLP

Jeffrey D. Hsi

**PHONE:** (617) 439-4444**Attorney Dkt. #:** 60607DIV(50553)**PAGES (Including Cover Sheet):** 9**CONTENTS:**Amendment Transmittal (1 page)  
Amendment (6 pages)  
Certificate of Transmission (1 page)

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (617) 439-4444 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

**EDWARDS & ANGELL, LLP**

P.O. Box 55874, Boston, Massachusetts 02205

Telephone: (617) 439-4444 Facsimile: (617) 439-4170

PTO/SB/87 (09-04)

Approved for use through 07/31/2008. OMB 0851-0031

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.~~

Application No. (if known): 10/033,026

Attorney Docket No.: 60607DIV(50553)

**Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on April 26, 2005  
Date

Eileen M. Woodbury  
Signature

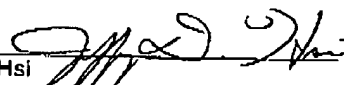
Eileen M. Woodbury  
Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 439-4444  
Telephone Number

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Amendment Transmittal (1 page)  
Amendment (6 pages)

<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. 60607DIV(50553)	
Application No. 10/033,026-Conf. #1031		Filing Date December 28, 2001		Examiner S. McGarry	
Art Unit 1635					
Applicant(s): Diane Lipscombe et al.					
Invention: HUMAN N-TYPE CALCIUM CHANNEL ISOFORM AND USES THEREOF					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	7	- 20 =		x	
Independent Claims	3	- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00
<input type="checkbox"/> Large Entity <span style="float: right;"><input checked="" type="checkbox"/> Small Entity</span>					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1105</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
Jeffrey D. Hsi  Attorney Reg. No.: 40,024				Dated: <u>April 26, 2005</u>	
EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 (617) 439-4444					

**RECEIVED  
CENTRAL FAX CENTER**

**APR 26 2005**

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below.

Dated: April 26, 2005

Signature: Eileen M Woodbury  
(Eileen Woodbury)

Docket No.: 60607DIV (50553)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Diane Lipscombe et al.

Application No.: 10/033,026

Confirmation No.: 1031

Filed: December 28, 2001

Art Unit: 1635

For: HUMAN N-TYPE CALCIUM CHANNEL  
ISOFORM AND USES THEREOF

Examiner: S. McGarry

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated January 28, 2005, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.

486384\_1.DOC